Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known 10/043,362 Application Number January 9, 2002 Filing Date Warren M. Farnworth First Named Inventor 2827 Group Art Unit D. Zarneke Examiner Name

(use as many sheets as necessary) 4212.1US (99-0306.01/US) Attorney Docket Number

Sheet		01 4	Allomo	by Docket Number 4212	2.105 (99-0300.01/05)
			U.S. PATENT D	OCUMENTS	
Examiner Initials *	Cite No. I	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
75-7-		Number - Kind Code ² (if known)			Figures Appear
1074		US-4,769,345	09/06/88	Butt et al.	
ſ		US-4,821,151	04/11/89	Pryor et al.	
		US-4,866,571	09/12/89	Butt	
		US-4,967,260	10/30/90	Butt	
		US-5,014,159	05/07/91	Butt	
		US-5,323,051	06/21/94	Adams et al.	7
		US-6,251,488	06/26/01	Miller et al.	
		US- 6,259,962	07/10/01	Gothait	
		US- 6,268,584	07/31/01	Keicher et al.	
		US- 6,337,122	01/08/02	Grigg et al.	
		US- 6,391,251	05/21/02	Keicher et al.	
		US- 6,482,576	11/19/02	Famworth et al.	
		US- 6,489,007	12/03/02	Grigg et al.	
		US- 6,524,346	02/25/03	Farnworth	
		US- 6,544,821	04/08/03	Akram	
77		US- 6,544,902	04/08/03	Farnworth	
X		US- 6,549,821	04/15/03	Farnworth et al.	
At		US- 6,562,278	05/13/03	Famworth et al.	
Dit		US- 6,585,927	07/01/03	Grigg et al.	
17	-	US- 6,635,333	10/21/03	· Grigg et al.	

Examiner	Cite	Foreign Patent Document	TENT DOCU	MENTS Name of Patentee or	Pages, Columns, Lines,		
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶	
				· · · · · · · · · · · · · · · · · · ·			
Examiner Signature	17	Mr. A. sol	Date Consider	red 2//	3/4		

*EXAMINER: Initial it reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known 10/043,362 **Application Number INFORMATION DISCLOSURE** Filing Date January 9, 2002 STATEMENT BY APPLICANT Warren M. Farnworth First Named Inventor 2827 Group Art Unit (use as many sheets as necessary) D. Zarneke **Examiner Name** 4212 IUS (99-0306 01/US) Attorney Docket Number

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher,	T ²
Initials *	No.1	city and/or country where published.	
Det !		U.S. Patent Application Publication No. 2002/0098623 A1 to Akram, dated July 25, 2002	
		U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	
		U.S. Patent Application Publication No. 2003/0003180 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication No. 2003/0003380 A1 to Farnworth et al., dated January 2, 2003	
	•	U.S. Patent Application Publication No. 2003/0003405 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication No. 2003/0043360 A1 to Farnworth, dated March 6, 2003	
		U.S. Patent Application Publication No. 2003/0068584 A1 to Farnworth et al., dated April 10, 2003	
	·	U.S. Patent Application Publication No. 2003/0072926 A1 to Grigg et al., dated April 17, 2003	_
		U.S. Patent Application Publication No. 2003/0077418 A1 to Grigg et al., dated April 24, 2003	
V		U.S. Patent Application Publication No. 2003/0089999 A1 to Akram, dated May 15, 2003	
1/2		U.S. Patent Application Publication No. 2003/0092220 A1 to Akram, dated May 15, 2003	

Examiner Signature	1 /	will	, Jane	Date Considered	2/13/4	
3.8	+-//-					

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not distation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/043,362 INFORMATION DISCLOSURE January 9, 2002 Filing Date STATEMENT BY APPLICANT First Named Inventor Warren M. Farnworth 2827 **Group Art Unit** (use as many sheets as necessary) D. Zarneke Examiner Name 4212 1115 (99-0306 01/LIS) Sheet Attorney Docket Number

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Cite No. 1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		U.S. Patent Application Publication No. 2003/0093173 A1 to Farnworth et al., dated May 15, 2003				
_		U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003				
		U.S. Patent Application Publication No. 2003/0151167 A1 to Kritchman et al., dated August 14, 2003				
ŀ		U.S. Patent Application Publication No. 2003/0201531 A1 to Farmworth et al., dated October 30, 2003				
		U.S. Patent Application Publication No. 2003/0203158 A1 to Farnworth et al., dated October 30, 2003				
		U.S. Patent Application Publication No. 2003/0207213 A1 to Farnworth, dated November 6, 2003				
AZ		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22				
M		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16				
92		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page				
Q72		Webpage, Objet Prototyping the Future, How it Works, 2 pages				
A		U.S. Patent Application No. 09/589,841, filed June 8, 2000, entitled "Stereolithographic Methods for Forming a Protective Layer on a Semiconductor Device Substrate and Substrates Including Protective Layers So-Formed", inventor Farnworth et al.				

			<u></u>		
Examiner Signature	Muss	River	Date Considered	\$ 2/13/4	
	1	<u> </u>	•		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



¹ Unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	e for form 1449A	/PTO		Complete if Known			
YNITA		TON DI	COL COLIDE	Application Number	10/043,362		
			SCLOSURE	Filing Date	January 9, 2002		
STATEMENT BY APPLICANT				First Named Inventor	Warren M. Farnworth		
				Group Art Unit	2827		
	(use as me	any sheets as	necessary)	Examiner Name	D. Zarneke		
Sheet 4 of A		Attorney Docket Number	4212 1115 (99-0306 01/115)				

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	,
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
Pof	,	U.S. Patent Application No. 09/651,930, filed August 31, 2000, entitled "Semiconductor Device Including Leads in Communication with Contact Pads Thereof and a Stereolithographically Fabricated Package Substantially Encapsulating the Leads and Methods for Fabricating the Same", inventor Salman Akram	
132	 .	U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Bumps Thereon", inventor Warren M. Farnworth	
M.		U.S. Patent Application No. 10/608,749, filed June 26, 2003, entitled "Methods for Labeling Semiconductor Device Components", inventor Grigg et al.	
107	2.	U.S. Patent Application No. 10/672,098, filed September 26, 2003, entitled "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth	
M		U.S. Patent Application No. 10/690,417, filed October 20, 2003, entitled "Methods of Coating and Singulating Wafers and Chip-Scale Packages Formed Therefrom", inventor Farnworth et al.	
-		TC 2	R
-		2800	CE
			300
		AL ROOM	ند

Examiner Signature	fuit	fant	Date Considered	2/10/4	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.